Message

From: Hogue, Cheryl [C_Hogue@acs.org]
Sent: 4/9/2019 9:00:31 PM
To: McCord, James [mccord.james@epa.gov]; Strynar, Mark [Strynar.Mark@epa.gov]
Subject: RE: ES&T paper scheduled for release April 17.

Thanks, James. I will ask Chemours.
Congratulations on getting this paper published in ES&T!

Cheryl

From: McCord, James <mccord.james@epa.gov>
Sent: Tuesday, April 9, 2019 4:11 PM
To: Strynar, Mark <Strynar.Mark@epa.gov>; Hogue, Cheryl <C_Hogue@acs.org>
Subject: [EXT] RE: ES&T paper scheduled for release April 17.

[Actual Sender is mccord.james@epa.gov]

Cheryl,

Just to corroborate what Mark said, the formula label is incorrect for the Figure. It should be PFESA2. We are not familiar with what NVHOS is an abbreviation for.
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James McCord

From: Strynar, Mark
Sent: Tuesday, April 9, 2019 4:03 PM
To: Hogue, Cheryl <C_Hogue@acs.org>
Cc: McCord, James <mccord.james@epa.gov>
Subject: RE: ES&T paper scheduled for release April 17.

Cheryl,

1. I do not know what NHVOS stands for. It is abbreviation that Chemours used for this analyte. You may want to ask a Chemours person after the paper goes live. I think Lam Leung could answer that easily.
2. In figure 4 the formula shown above the structure is incorrect. Unfortunate that this is wrong but you caught it post galley proofs. Not sure if we can do anything now. For that structure the correct formula is as you indicated C7 H2 F14 O5 S which is in fact Nafion BP2 or PFESA2.

Mark

From: Hogue, Cheryl <C_Hogue@acs.org>
Sent: Tuesday, April 09, 2019 9:56 AM
To: Strynar, Mark <Strynar.Mark@epa.gov>
Subject: ES&T paper scheduled for release April 17.

Hi Mark –

Congratulations to you and James McCord on your Cape Fear River PFAS paper about to be published!

ES&T has provided me with an embargoed copy of your paper. I have a couple of questions that I am seeking your help on.

1. Figure 3: The secondmost abundant ion of all chemicals IDed is NVHOS. I recognize this is chemical #26 in Table 3, with CAS Number 905363-44-2. I couldn't find in the paper what the abbreviation NVHOS stands for. Can you help?
2. Figure 4, the graph third chemical, the one with the peak after a decline in abundance: The top of this graph is labeled C6 H2 F12 O4 S yet the chemical structure shown (what we have called Nafion by-product 2 in the past, and also shown as a structure labeled PFESA2 in Figure 3) is a C7 H F14 05 S. Which of these is correct?

I found the paper really interesting.

I am abiding by the ES&T embargo of 8 a.m. EDT Wed., April 14.

Cheers,

Cheryl

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